

USPT	saito-atsushi.in.	118	<u>L25</u>
USPT	saito.in.	7912	<u>L24</u>
USPT	(6147682 or 6297870).pn.	2	<u>L23</u>
DWPI	(6147682 or 6297870).pn.	2	<u>L22</u>
DWPI	(6147682 or 6297870).pn	0	<u>L21</u>
DWPI	hub near3 wireless	28	<u>L20</u>
DWPI	WIRELESS USB HUB	0	<u>L19</u>
TDBD	WIRELESS USB HUB	0	<u>L18</u>
USPT	WIRELESS USB HUB	0	<u>L17</u>
JPAB	hub near3 wireless	1	<u>L16</u>
USPT	hub near3 integrat\$ near3 peripheral	2	<u>L15</u>
USPT	hub near3 (input device)	9	<u>L14</u>
USPT	hub near3 (input device) near3 (integrat\$ or combin\$)	0	<u>L13</u>
USPT	l11.ti,ab.	0	<u>L12</u>
USPT	hub near3 keyboard	40	<u>L11</u>
USPT	hub near3 keyboard near3 (integrat\$ or combin\$)	1	<u>L10</u>
USPT	5870080.pn.	1	<u>L9</u>
USPT	l7 and (5890015)	1	<u>L8</u>
USPT	elamin-\$.xa.	108	<u>L7</u>
USPT	5757354[uref]	7	<u>L6</u>
USPT	l4.ti.	9	<u>L5</u>
USPT	remote near keyboard	666	<u>L4</u>
USPT	5890015[uref]	13	<u>L3</u>
USPT	usb near3 wireless	12	<u>L2</u>
USPT	hub near3 wireless	44	<u>L1</u>

WEST

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L11: Entry 15 of 40

File: USPT

Nov 14, 2000

DOCUMENT-IDENTIFIER: US 6147682 A

TITLE: Monitor for use with computer system and method of controlling supply of power to computer peripherals connected with the monitor

DEPR:

Namely, as shown in FIG. 8, downstream ports DP1 and DP2 of the hub incorporated with the monitor 11a are connected through universal serial bus device connectors DC2 and DC3 to audio unit 23 and a printer 14, and a downstream ports DP3 thereof is connected through an upstream port DP2 of the hub with which a keyboard 12 is provided. The hub incorporated with the keyboard 12 is composed of a bus-powered device, and supplies power through a universal serial bus cable to universal serial bus devices, e.g., a light pen 52 and a mouse 53, as shown in FIG. 8. Thus, downstream ports DP4 and DP5 of the keyboard 12 are connected to universal serial bus device connectors DC4 and DC5 of the light pen 52 and mouse 53, respectively.

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L11: Entry 6 of 40

File: USPT

Oct 2, 2001

DOCUMENT-IDENTIFIER: US 6297870 B1

TITLE: Photographing apparatus, method for recording an image by the photographing apparatus, and method for reproducing an image by the photographing apparatus

DEPR:

This system includes a personal computer (PC) 1000, which functions as an image processing apparatus. A Keyboard K having a return key (Enter) and an escape key (ESC) are connected to the main body of the PC 1000 via a USB cable L. A mouse M, a printer (Pri), and the digital camera 1 are connected to the keyboard (K) via the corresponding USB cables (L). The PC 1000 is able to be activated via a USB interface. The keyboard K also functions as a hub of a USB interface. The PC 1000 has a hard disk HD as a first recording means, in which an operating system and application programs of the PC 1000 are installed. A floppy disk drive FD and an optical magnetic disk drive MO are provided in the PC 1000 so that a floppy disk FD and an optical magnetic disk MO, which are removable recording medium, can be used in the PC 1000. A digital camera connecting application (driver software) is installed in the hard disk HD of the PC 1000 in advance. In FIG. 5, the reference numeral 1001 denotes a display of the display device of the PC 1000.

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L16: Entry 1 of 1

File: JPAB

Jun 8, 2001

DOCUMENT-IDENTIFIER: JP 2001156797 A

TITLE: WIRELESS USB HUB

FPAR:

PROBLEM TO BE SOLVED: To provide a wireless USB hub wirelessly interconnecting a PC and USB devices to which many USB devices can be connected at a low cost.

FPAR:

SOLUTION: A master set 13 is provided with a USB controller 13a, a pseudo host 13d, a host controller 13c, a wireless USB hub block 13b, and a wireless transmission means. A slave set 15 is provided with a pseudo host 15b, a host controller 15a, and a wireless transmission means. The PC 11 is provided with a host controller 17, a driver 16a for a USB host controller, and a wireless USB hub driver 16c. A device address of a destination and a sender is added to the head of data sent to a wireless block between the master set 13 and the slave set 15 and the resulting data are transmitted.

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L11: Entry 16 of 40

File: USPT

Sep 26, 2000

DOCUMENT-IDENTIFIER: US 6125455 A

TITLE: Power control device and method for USB

BSPR:

A keyboard or monitor can be directly connected to a computer or a universal serial bus within the computer. Other peripheral devices can be easily connected to the computer with the use of an expanded hub built into the keyboard or monitor, or even via an independent universal serial bus. The expanded hub offers additional connection sockets, and can be connected in a hierarchical tree form. Peripheral devices may be located close to each other or can be located several meters from each other, with the use of a universal serial bus hub.

WEST

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L11: Entry 7 of 40

File: USPT

Aug 21, 2001

DOCUMENT-IDENTIFIER: US 6279049 B1

TITLE: Device bay system for controlling devices coupled to a computer

BSPR:

A keyboard or monitor can be directly connected to a computer or a universal serial bus within the computer. Other peripheral devices can be easily connected to the computer with the use of an expanded hub built into the keyboard or monitor, or even via an independent universal serial bus. The expanded hub offers additional connection sockets, and can be connected in a hierarchical tree form. Peripheral devices may be located close to each other or can be located several meters from each other, with the use of a universal serial bus hub.